



EQUIPMENT BIOBANK

- 8 -80°C deep freezers equipped with remote alarm temperature control and a CO2 backup system. 6 of these are equipped with an open door control software
- 1 tank of liquid nitrogen at its gas phase with an alarm temperature control and a lack of CO2 detector
- W-2D tube system with a data matrix codification for liquids, with a scanner to read col boxes and reader for the identification and the traceability of the tubes
- Combined refrigerator of 4° C y – 20° C
- Cryostat to cut frozen samples
- Microtome y bath/coating to cut paraffin samples
- Biological safety cabins IIA
- Centrifuge with capacity to process samples in tubes and Eppendorfs
- Digital microscope
- Automatic nucleoids acid extractors. DNA and ARN from blood and frozen tissue or in paraffin
- Automatic platform to manipulate and trace liquids
- 2 mini coolers to freeze inclined biological samples below 1°C
- 2 containers to freeze and transport Isopentane
- 2 pairs of gloves to work in low temperatures
- Vortex Mixer /agitator
- Spectrophotometer
- 1 set of automatic micropipettes
- 1 automatic electronic pipette
- 1 container for the transport of isopentame samples
- 2 pairs of cryogenic work gloves
- Fungibility: basically kits and the necessary products to process and preserve tissues, blood, cells ,DNA and ARN
- Printer/photocopier/scanner
- 3 computers and a management computer system
- Label printing system and a bar code reader connected to the management software